

REMARKS

Claims 1-16 are pending. The specification has been amended to state the lineage of the present application. Favorable reconsideration is respectfully requested.

Claims 1, 2, 13 and 14 were rejected under 35 U.S.C. 102(b) over U.S. Patent 5,528,624 (Kaku et al.). Applicant traverses as follows.

Claim 1 recites, inter alia, second multiplier that multiplies the output of the first integrator by the first to mth pieces of fixed data outputted from fixed data sequential output units, and sequentially outputs first to mth multiplication results, which are then sequentially output as first to mth correlation values by correlation value sequential output units.

On the other hand, the structure alleged to correspond in Kaku to the recited second multiplier is the combination of multipliers 23i and 23q. However, those multipliers function to despread signals I_{dk} and Q_{dk} with a Walsh code W_k and the outputs of those multipliers represent the in-phase and quadrature components of the despread pilot signals, during the sync acquisition mode, or the despread data signal, during the tracking mode. This structure does not correspond to the second multiplier of claim 1.

Kaku calculates the Walsh code W_k at a multiplier in each branch, as in the prior art discussed in the specification. The present invention, unifies these multipliers into a single multiplier, which is quite different from the structure shown in Kaku. For at least this reason, no prima facie case of anticipation rejection has been set forth in connection with claim 1.

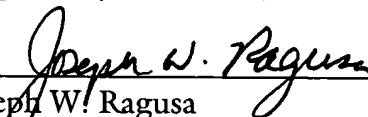
Independent claim 13 is a method claim that recites a substantially similar feature and is believed patentable for substantially similar reasons.

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

In view of the above amendment and remarks, applicant believes the pending application is in condition for allowance.

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Respectfully submitted,

By 
Joseph W. Ragusa

Registration No.: 38,586
DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP
1177 Avenue of the Americas
41st Floor
New York, New York 10036-2714
(212) 835-1400
Attorney for Applicant